

. NANO PHOTOCATALYST COATING

ABSTRACT OF THE DISCLOSURE

A nano photocatalyst coating procedure of forming a nano
5 photocatalyst coating on the surface of a workpiece by: a).applying
a nano photocatalyst solution of nano titanium dioxide and zinc
oxide to the surface of the workpiece to form a nano photocatalyst
coating, b). heating the workpiece to melt zinc oxide of the nano
photocatalyst coating without melting nano titanium dioxide, and
10 c). polishing the coating to press nano titanium dioxide into
recesses at the surface of the workpiece and to let nano titanium
dioxide be bonded to recesses at the surface of the workpiece by
molten zinc oxide.

15